

**Work Order ID 60813**

Friday, July 23, 2010 9:09:17 AM



Item ID: D206-558-041

Accept

Setup Start



Stop



Revision ID:

Item Name: Single Cargo Mirror Assembly 2

Start Date: 7/23/2010 Start Qty: 3/00



Required Date: 8/6/2010 Req'd Qty: 3/00



Customer:

Reference:

Approvals: Process Plan: MF

Date: 10-7-23 Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN D206-558	Rev C

0.00

100



DOCUMENT CONTROL

DC

Document Control

**Memo**  
Photocopy bluefile and type labels as per PPP D206-558-041 CHG008

S10/08/04

110



Small Fab

0.00

Small Fab

Small Fab

**Memo**  
Assemble as per Dwg D206-558

0.00

EJ, 0/08/03 (2)

120



QC5- Inspect part completeness to step on W/O

0.00

S. oloslo3

QC

Quality Control

**Memo**

0.00

(2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 60813**

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Item Name: Single Cargo Mirror Assembly

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Required Date: 8/6/2010 Req'd Qty: 3.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

125



Packaging

Packaging

Memo

0.00

130



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

8/10/09/04

Memo

0.00

140



Packaging

Packaging

0.00

Memo

0.00

Identify and pack for shipping as per PPP D206-558-041

Location: JPPP Rev: J

7/10/09/04

(2)

7/10/09/04

(2)

W/O:		WORK ORDER CHANGES					
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**Work Order ID 60813**

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Friday, July 23, 2010 9:09:17 AM

Item ID: D206-558-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010 Start Qty: 3.00



Cust Item ID:

Required Date: 8/6/2010 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
Number Insp.  
Stamp

150



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/08/04 *JF*

MF

10-8-04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## Picklist Print

Friday, July 23, 2010 9:09:16 AM

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Work Order ID: 60813



**Parent Item:** D206-558-041



**Parent Item Name:** Single Cargo Mirror Assembly

**Start Date:** 7/23/2010

**Required Date:** 8/6/2010

**Comments:** IPP F002.09.19 Re-format; Incorporated D2065 KJ  
IPP Rev:G 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD  
verified:ec  
IPP Rev:H 08-08-19 now @ chg 007 DD verified by:ec IPP Rev:  
10.03.17 add pick kit DD verified by:JLM

Start Qty: 3.00

Required Qty: 3.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 60813



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010

Required Date: 8/6/2010

D2054



Bushing

Manufactured No

110

Each

42.0000



6  
E310/08/03



4  
E310/08/03



3  
E310/08/03

41

D2055



Clamp

Manufactured No

110

Each

46.0000



2  
E310/08/03



1  
E310/08/03



3  
E310/08/03

D2056



Bell Crank

Manufactured No

110

Each

17.0000



2  
E310/08/03



3  
E310/08/03



D2057



Plug

Manufactured No

110

Each

13.0000



2  
E310/08/03



3  
E310/08/03



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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 60813



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010

Required Date: 8/6/2010

D2065



Arm

Manufactured

No

C110\$

Each

2.0000

1



3

EJ310/08/03

MS21042L3



Nut

Purchased

No

A110\$

Each

2,582.000

2



2

EJ310/08/03

MS27039-1-18



Screw

Purchased

No

C110

Each

73.0000

2



6

EJ310/08/03

AN3-4A



Bolt

Purchased

No

A125

Each

1,327.000

4



4

EJ310/08/03

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Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

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Work Order ID: 60813



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

AN526-1032R9



Purchased

No

125

Each

102.0000

4

128 ✓



128 ✓

128 ✓

128 ✓

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Friday, July 23, 2010 9:09:16 AM

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Work Order ID: 60813



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010

Start Qty: 3.00 2

12V

Required Date: 8/6/2010

Required Qty: 3.00

*[Signature]*

D3778-1



Bracket

Manufactured

No

125

Each

20.0000



Location

Loc Qty

Loc Code

ST227

20

56316

20

Purchased

No

125

Each

2,582.000



Location

Loc Qty

Loc Code

ST300

2582

114523

121

114718

461

114784

2000

Purchased

No

125

Each

46.0000



Location

Loc Qty

Loc Code

ST307

40

114988

40

ST319

6

114761

6

Purchased

No

125

Each

89.0000



Location

Loc Qty

Loc Code

ST296

89

107376

9

109371

80

MS21919-DG5



Clamp

MS35489-9



Grommet

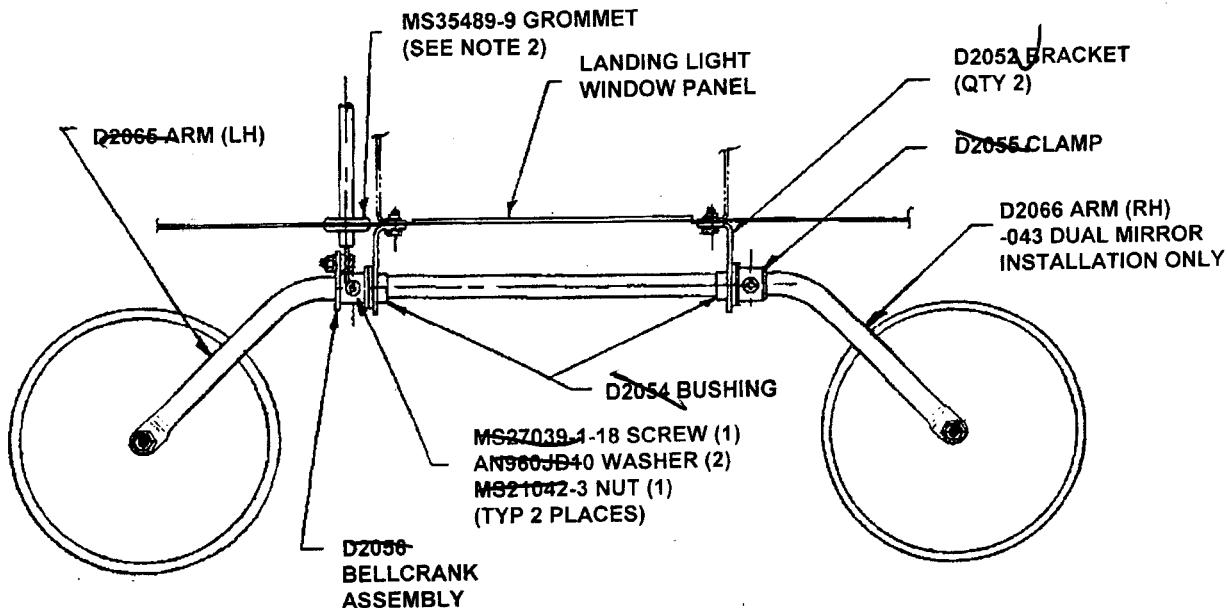
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

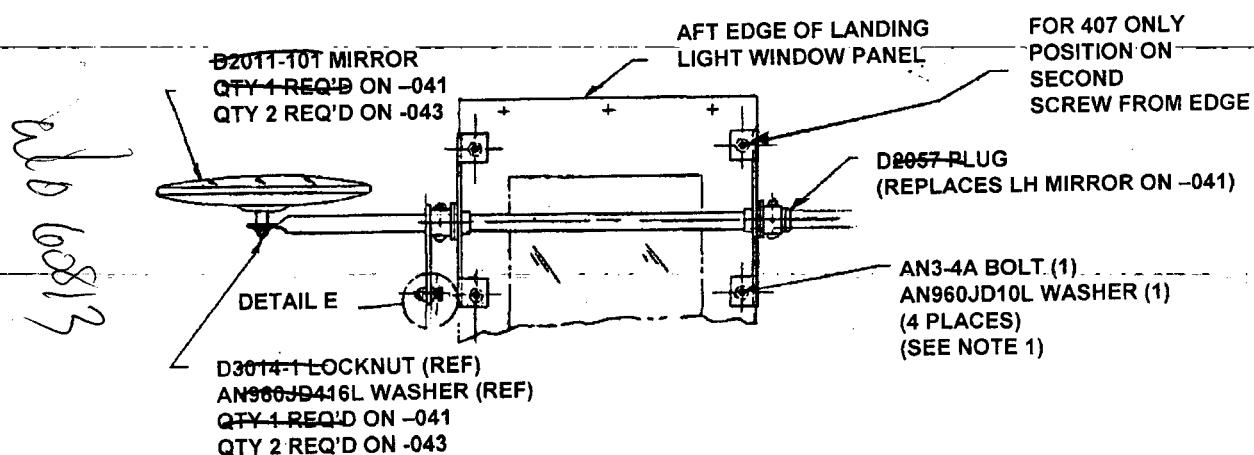
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



**Figure 25.2 – View A: Looking Aft.  
(D206-558-043 Mirror Shown)**



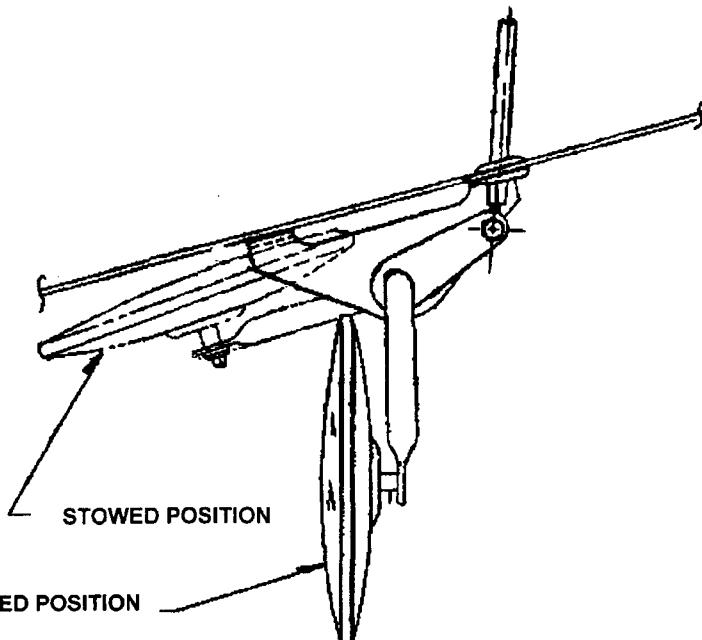
**Figure 25.3 – View C: Looking Down on Mirror Installation  
(D206-558-041 Mirror Shown)**

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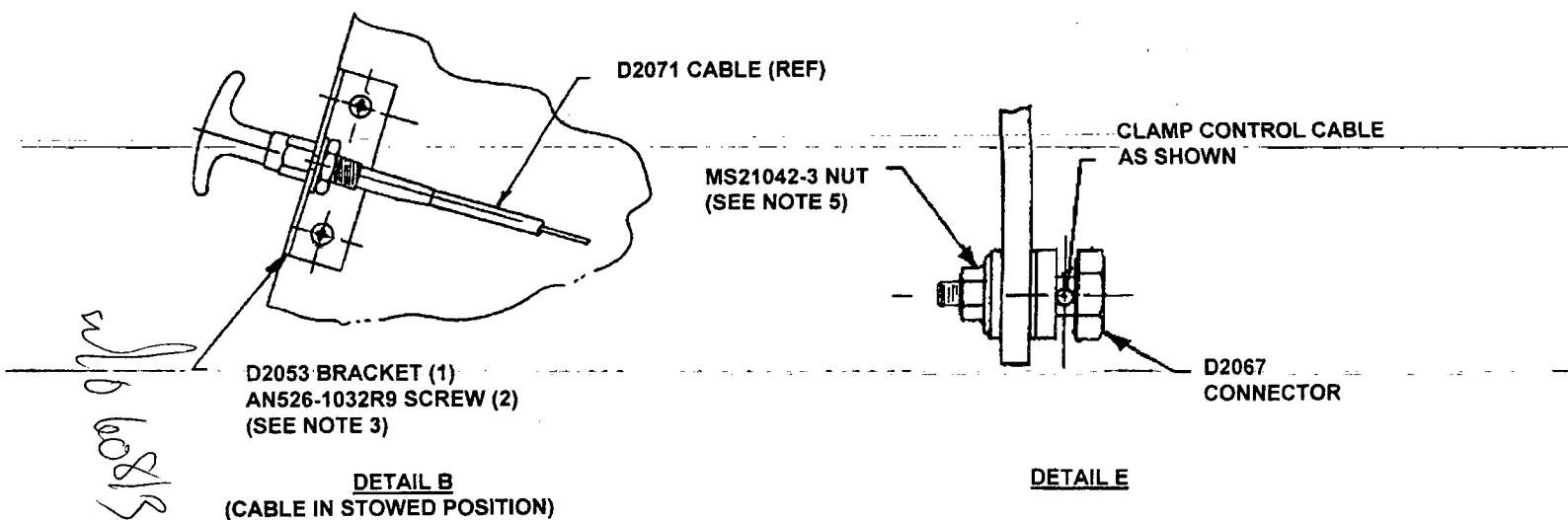
**25-00-00**

Revision: 0

Page 3 (4 blank) of 8



**Figure 25.4 – Detail D: Looking from Side on Mirror Installation**  
(D206-558-041/043 Mirror Shown)



**Figure 25.5 – Details B and E on Mirror Installation**  
(D206-558-041/043 Mirror Shown)

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**25-00-00**

Revision: 0

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**REFERENCE ONLY**

FROM THIS POINT FORWARD, CUSTOMERS SHOULD ORDER D407-558-045/-047 IN LIEU OF D206-558-041/-043 WHEN PROCURING SINGLE/DUAL MIRRORS FOR BHT 407 MODELS. AMEND SECTIONS 4.0 AND 5.0 OF INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER AND 25.3 AND 25.4 OF ICA-D206-558 REV. 0 AS FOLLOWS:

**4.0 WEIGHT AND BALANCE (D206-558 REV. C OR EARLIER)**  
**25.3 WEIGHT AND BALANCE (ICA-D206-558 REV. 0)**

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
<b>D206-558-041</b> Bell 206A/B/L/L1/L3/L4	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
<b>D206-558-043</b> Bell 206A/B/L/L1/L3/L4	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg
<b>D407-558-045</b> Bell 407	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
<b>D407-558-047</b> Bell 407	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg

**5.0 PARTS LIST (D206-558 REV. C OR EARLIER)**  
**25.4 PARTS LIST (ICA-D206-558 REV. 0)**

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
				D2011-101	MIRROR ASSEMBLY
				D2052	BRACKET
1	1	1	1	D2053	BRACKET
				D2054	BUSHING
				D2055	CLAMP
				D2056	BELLCRANK ASSEMBLY
				D2057	PLUG
				D2065	ARM
1	1	1	1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-3	CABLE ASSEMBLY
				D3844-FN	* LOCKNUT
1	1	1	1	D3778-1	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
				AN960JD416L	* WASHER
				AN960JD10	WASHER -2
6	6	6	6	AN960JD10L	WASHER
3	3	3	3	MS21042-3	NUT (or MS21042L3) -2
2	2	2	2	MS21919DG5	CLAMP
				MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
		1	1	MS35489-67	GROMMET

\* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	08.12.04
CERT. NO.:	SH92-17
ISSUE NO.:	7

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9436	SHEET 2 OF 2
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